

Item		Unit	MILLAC 468V II	
			No. 50 Specs	No. 40 Specs
Travels	X axis (table R/L)	mm (in.)	820 (32.28)	
	Y axis (table F/B)	mm (in.)	460 (18.11)	
	Z axis (spindle U/D)	mm (in.)	450 (17.72)	
	Table top to spindle nose	mm (in.)	150 to 600 (5.91 to 23.62)	
	Column to spindle center	mm (in.)	510 (20.08)	
Table	Work surface	mm (in.)	1,050 × 460 (41.34 x 18.11)	
	Floor to table top	mm (in.)	930 (36.61)	
	Max load capacity	kg (lb)	500 (1,100)	
Spindle	Spindle speed	min ⁻¹	60 to 6,000	50 to 15,000
	Speed ranges		Stepless (integral motor/spindle)	
	Tapered bore		7/24 taper No. 50	7/24 taper No. 40
	Bearing dia	mm (in.)	ø90 (3.54)	ø70 (2.76)
Feedrate	Rapid traverse	m/min (fpm)	X-Y: 32, Z: 24 (X-Y: 105, Z: 79)	
	Cutting feedrate	mm/min (ipm)	X-Y-Z: 15,000 (591)	
Motors	Spindle	kW (hp)	OSP 18.5/11 (25/15) (15%ED/cont)	OSP 26/18.5 (35/25) (10 min/cont)
			FANUC 18.5/11 (25/15) (40%ED/cont)	FANUC 22/18.5 (30/25) (15 min/cont)
ATC	Tool storage	tool	20 [30]	
	Max tool dia (w, w/o adj tool)	mm (in.)	ø120/ø150 (ø4.72/ø5.91)	
	Max tool length	mm (in.)	350 (13.78)	
	Max tool weight	kg (lb)	20 (44)	10 (22)
Machine size	Height	mm (in.)	2,790 (109.84)	
	Floor space	mm (in.)	OSP: 2,265 × 2,805 (89.17 x 110.43), FANUC: 2,200 × 2,780 (86.61 x 109.45)	
	Weight	kg (lb)	6,700 (14,740)	
Control		OSP-P300MA, FANUC 31i-B		

[] : Optional

Item		Unit	MILLAC 561V II		
			No. 50 6,000 min ⁻¹	No. 50 10,000 min ⁻¹	No. 40 12,000 min ⁻¹
Travels	X axis (table R/L)	mm (in.)	1,050 (41.34)		
	Y axis (table F/B)	mm (in.)	560 (22.05)		
	Z axis (spindle U/D)	mm (in.)	520 (20.47)		
	Table top to spindle nose	mm (in.)	170 to 690 (6.69 to 27.17)		
	Column to spindle center	mm (in.)	590 (23.23)		
Table	Work surface	mm (in.)	1,350 × 560 (53.15 × 22.05)		
	Floor to table top	mm (in.)	950 (37.40)		
	Max load capacity	kg (lb)	1,000 (2,200)		
Spindle	Spindle speed	min ⁻¹	30 to 6,000	60 to 10,000	80 to 12,000
	Speed ranges		2-speed	Stepless (integral motor/spindle)	
	Tapered bore		7/24 taper No. 50		7/24 taper No. 40
	Bearing dia	mm (in.)	ø100 (3.94)		ø70 (2.76)
Feedrate	Rapid traverse	m/min (fpm)	X-Y: 32, Z: 24 (X-Y: 105, Z: 79)		
	Cutting feedrate	mm/min (ipm)	X-Y-Z: 15,000 (591)		
Motors	Spindle	kW (hp)	15/11 (20/15) (30 min/cont)	22/18.5 (30/25) (15 min/cont)	
ATC	Tool storage	tool	20 [30, 40]		20 [40]
	Max tool dia (w, w/o adj tool)	mm (in.)	ø120/ø150 (ø4.72/ø5.91)		ø90/ø115 (ø3.54/ø4.53)
	Max tool length	mm (in.)	350 (13.78)		300 (11.81)
	Max tool weight	kg (lb)	20 (44)		8 (11)
Machine size	Height	mm (in.)	2,755 (108.46)	2,930 (115.35)	2,825 (111.22)
	Floor space	mm (in.)	2,650 × 3,285 (104.33 × 129.33)		
	Weight	kg (lb)	9,100 (20,020)		
Control		OSP-P300MA, FANUC 31i-B			

[]: Optional

Item		Unit	MILLAC 611V II			
			No. 50 4,000 min ⁻¹	No. 50 6,000 min ⁻¹	No. 50 12,000 min ⁻¹	No. 40 15,000 min ⁻¹
Travels	X axis (table R/L)	mm (in.)	1,300 (51.18)			
	Y axis (table F/B)	mm (in.)	610 (24.02)			
	Z axis (spindle U/D)	mm (in.)	560 (22.05)			
	Table top to spindle nose	mm (in.)	200 to 760 (7.87 to 29.92)			
	Column to spindle center	mm (in.)	650 (25.59)			
Table	Work surface	mm (in.)	1,600 × 610 (62.99 × 24.02)			
	Floor to table top	mm (in.)	900 (35.43)			
	Max load capacity	kg (lb)	1,500 (3,300)			
Spindle	Spindle speed	min ⁻¹	20 to 4,000	30 to 6,000	50 to 12,000	50 to 15,000
	Speed ranges		2-speed		Stepless (integral motor/spindle)	
	Tapered bore		7/24 taper No. 50			7/24 taper No. 40
	Bearing dia	mm (in.)	ø100 (3.94)		ø90 (3.54)	ø70 (2.76)
Feedrate	Rapid traverse	m/min (fpm)	X-Y: 20, Z: 16 (X-Y: 66, Z: 52)			
	Cutting feedrate	mm/min (ipm)	X-Y-Z: 10,000 (394)			
Motors	Spindle	kW (hp)	15/11 (20/15) (30 min/cont)		OSP:26/18.5 (35/25) (10 min/cont) FANUC:22/18.5 (30/25) (15 min/cont)	
ATC	Tool storage	tool	20 [30, 42]			
	Max tool dia (w, w/o adj tool)	mm (in.)	ø120/ø150 (ø4.72/ø5.91)			ø115/ø115 (ø4.53/ø4.53)
	Max tool length	mm (in.)	400 (15.75)			300 (11.81)
	Max tool weight	kg (lb)	20 (44)			8 (11)
Machine size	Height	mm (in.)	2,910 (114.57)			
	Floor space	mm (in.)	3,410 × 3,695 (134.25 × 145.47)		3,410 × 3,525 (134.25 × 138.78)	
	Weight	kg (lb)	11,000 (24,200)			
Control		OSP-P300MA, FANUC 31i-B				

[] : Optional